



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

## \*BIBDATASHEET\*

CONFIRMATION NO. 6304

Bib Data Sheet

SERIAL NUMBER 10/054,272	FILING DATE 01/22/2002  RULE	CLASS 360 <i>1125</i>	GROUP ART UNIT 2652	ATTORNEY DOCKET NO. S01.12-0857/STL 10324
-----------------------------	---------------------------------------	--------------------------	------------------------	---

## APPLICANTS

William J. O'Kane, Derry, IRELAND;

Brian L. Kelly, Derry, IRELAND;

## \*\* CONTINUING DATA \*\*\*\*\*

This appln claims benefit of 60/305,685 07/16/2001

## \*\* FOREIGN APPLICATIONS \*\*\*\*\*

## IF REQUIRED, FOREIGN FILING LICENSE GRANTED

\*\* 02/15/2002

Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no	STATE OR  COUNTRY IRELAND	SHEETS  DRAWING 5	TOTAL  CLAIMS 19	INDEPENDENT  CLAIMS 3
35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance				
Verified and Acknowledged Examiner's Signature _____ Initials _____				

## ADDRESS

Brian D. Kaul  
 WESTMAN CHAMPLIN & KELLY  
 International Centre - Suite 1600  
 900 South Second Avenue  
 Minneapolis, MN  
 55402-3319

## TITLE

Write element having a narrow writer pole defined by ion implantation

FILING FEE  RECEIVED	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue )